



Senior Plant Operator

Department: Utilities

Class Code: 3213

EEO Code: 28

FLSA: N

Effective: 01/12/1997

GENERAL STATEMENT OF DUTIES:

Under general supervision; performs work of moderate difficulty operating and maintaining a water or wastewater treatment facility; and performs other work as required.

SPECIFIC STATEMENT OF DUTIES:

Water Treatment Facility: Operates and controls motors, pumps and valves to regulate flow of raw water into treating plant; adjusts automatic devices that admit specified amounts of chemicals into tanks to disinfect, deodorize and clarify water; starts agitators to mix chemicals and allows impurities to settle to bottom of tank; turns valves to regulate water through filter beds to remove impurities; pumps purified water into water mains; monitors computer and adjusts controls to regulate water pressure, tank levels and distribution of water.

Wastewater Treatment Facility: Operates waste treatment, sludge processing and disposal equipment to control flow and processing of sewage; ensures proper operation of main lift pumps; regulates rate of flow; makes gate adjustments as needed; inspects, operates and adjusts pretreatment equipment; removes collected inorganic wastes; inspects and adjusts primary treatment tanks, clarifiers, grease skimmers, sludge collectors and pumping equipment; inspects and adjusts proper sludge processes.

Common Duties: Cleans tanks and filter beds; performs minor repairs of machines and equipment; collects and tests water samples; records plant performance and equipment operation on daily log sheet; drives trucks and vehicles; performs general building and grounds maintenance; handles emergency calls after regular business hours; may provide lead to Plant Operator; unloads and stores chemicals; and performs other work as required.

REQUIRED SKILLS, KNOWLEDGE AND ABILITIES:

Good knowledge of filtration and pumping systems; of the operation, repair and maintenance of water or wastewater plant equipment and machinery; of chemicals needed for water or wastewater treatment; of how to handle and store dangerous chemicals safely; of emergency procedures.

Considerable skill in operating and maintaining a water or wastewater treatment facility; in inspecting, reading and adjusting various meters and gauges on various pumps, filters, distributors or tanks; in keeping accurate records; working skill in applying the principles and practices of mathematics, chemistry and biology to work as a Senior Plant Operator.

Ability to climb stairs; to work in confined spaces; to lift chemicals, parts or equipment weighing up to 75 pounds; to perform manual labor.

MINIMUM EDUCATION AND EXPERIENCE:

High school diploma or equivalent and three years water or wastewater works experience; or an equivalent combination of training and experience.

ADDITIONAL REQUIREMENTS:

Completion of Virginia Polytechnic Institute and State University Operators Training School or acceptable equivalent. Possession of a valid Class II Water or Wastewater Operator's certificate issued by the Commonwealth of Virginia. Commercial Drivers License may be

This class specification is not intended to describe and does not necessarily list the essential job functions for a given position in a classification.